

ABSTRACT

A system for separating text and drawings in a digital ink file (e.g., a handwritten digital ink file). A stroke analyzer classifies single strokes that have been input by a user as "text" or "unknown." The stroke analyzer utilizes a trainable classifier, such as a support vector machine. A grouping component is provided that groups text strokes in an attempt to form text objects (e.g., words, characters, or letters). The grouping component also groups unknown strokes in an attempt to form objects (e.g., shapes, drawings, or even text). A trainable classifier, such as a support vector machine, evaluates the grouped strokes to determine if they are objects.